

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

2003U038.US

SERIAL NO.

10/781,404

APPLICANT

Porter Shannon, et al.

FILING DATE

02/18/2004

GROUP

1713

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AG							
	AH							

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

u	AI	Bruce A. Davis, et al., "Grooved Feed Single Screw Extruders - Improving Productivity and Reducing Viscous Heating Effects", POLYMER ENGINEERING AND SCIENCE, Vol. 38, No. 7, 1199-1204 (July 1998).
	AJ	Y. Guo, et al., "Dependence of Melt Temperature on Screw Speed and Size in Extrusion," SPE ANTEC, 132-136 (1988).
	AK	R. Rasid, et al., "Effect of process variables on melt temperature profiles in extrusion process using single screw plastics extruder," PLASTICS, RUBBER AND COMPOSITES, Vol. 32, No. 5, 187-192 (2003).
	AL	Gramann et al., "Experimental Study of a New Dispersive Mixer," SPE ANTEC, (1999).
	AM	BP Solvay Polyethylene "Fortiflex® HDPE Sheet Extrusion Guide," BP SOLVAY POLYETHYLENE NORTH AMERICA, 1-18(2002).
	AN	Chris Rauwendall, et al., TROUBLESHOOTING THE EXTRUSION PROCESS, 68-69, 96-99 (2001).
	AO	Chapman & Hal., POLYMER TECHNOLOGY DICTIONARY, 244 and 533 (1994).

EXAMINER

Porter Shannon

DATE CONSIDERED

12-204


*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line though citation if not in conformance and not considered. Include copy of this form with next comment to applicant

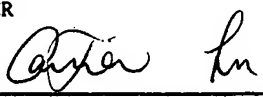
10/14/04

INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.		SERIAL NO.	
				2003U038.US		10/781,404	
				APPLICANT			
				Porter C. Shannon et al.			
				FILING DATE		GROUP	
				02/18/2004		Unassigned	

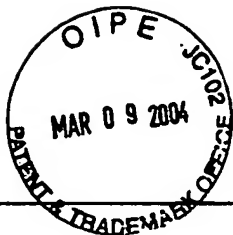
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	PUBL DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	AK						
	AL						

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.):		
	AM	Peter Fischer, Johannes Wortberg, <i>Single-Screw Extruders and Barrier Screws</i> , Extended Version of a paper presented at the VDI conference on " <i>The Single Screw Extruder - Basics and System Optimization</i> ", published by VDI-Verlag Düsseldorf, 1997-Kunststofftechnik"
	AN	

EXAMINER 	DATE CONSIDERED 12-2-04
---	--------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comment to applicant




FORM - 1449

SHEET 1 OF 2

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				ATTY. DOCKET NO.		SERIAL NO.	
				2003U038.US		10/781,404	
				APPLICANT			
				Porter C. Shannon et al.			
				FILING DATE		GROUP	
02/18/2004		Unassigned					
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AK						
	AL						
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
CL	AM	Peter Fischer, Johannes Wortberg, <i>Single-Screw Extruders and Barrier Screws</i> , Extended Version of a paper presented at the VDI conference on "The Single Screw Extruder - Basics and System Optimization", published by VDI-Verlag Düsseldorf, 1997-Kunststofftechnik"					
	AN						
EXAMINER Anita Lu				DATE CONSIDERED 12-2-04			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comment to applicant							

FORM - 1449

SHEET 1 OF 1

INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>				ATTY. DOCKET NO.		SERIAL NO.	
				2003U038.US		10/781,404	
				APPLICANT			
				Porter C. Shannon et al.			
				FILING DATE		GROUP	
		02/18/2004		Unassigned			
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	AC						YES NO
	AD						
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
CL	AE	PAXON "High Density Polyethylene BC50-100 Sheet Extrusion and Blow Molding Resin" ExxonMobil Chemical (2004)					
	AF	TIPLIN "medium and high density polyethylene grades" TVK (Tiszai Vegyi Kombinat Rt.) (2003)					
	AG	F01552 "HDPE for Blow Film Extrusion" SABIC (Saudi Basic Industries Corp.)					
	AH	MARLEX "High Density Ethylene Hexene Copolymer" Chevron Phillips Chemical (May 2001)					
	AI	NOVAPOL "HDPE Pipe Extrusion Resin" HD-2007-H, NOVA Chemicals (April 2002)					
	AJ	F.A. Ruiz, "High Performance Mineral Reinforcement Concentrate for LLDPE and HMW-HDPE Blown Film Extrusion" J. of Plastic Film & Sheeting, Vol. 18, pp. 25-31 (Jan. 2002)					
EXAMINER				DATE CONSIDERED			
				12-2-04			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comment to applicant.							

FORM - 1449

SHEET 1 OF 1

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				ATTY. DOCKET NO.		SERIAL NO.	
				2003U038:US		10/781,404	
				APPLICANT			
				Porter C. Shannon et al.			
				FILING DATE		GROUP	
02/18/2004		Unassigned					
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	AK						
	AL						
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
CL	AM	Davey, Chris R. Shirodkar, P.P. and Liu, H.T., "Engineered Catalyst for Controlled Bimodal Structures in UNIPOL Single Reactor Gas Phase Polyethylene" Presentation at SPE-Polyolefins 2002 International Conference February 25-27, 2002, published by Univation Technologies LLC.					
	AN						
EXAMINER Porter C. Shannon				DATE CONSIDERED 12-2-04			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next comment to applicant							